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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 3449-0391PUS1 U.S. APPLICATION NO. (If known, see 37 CFR 1.53) <b>10/511842</b> NEW
INTERNATIONAL APPLICATION NO. PCT/KR2004/000359	INTERNATIONAL FILING DATE 20 February 2004	PRIORITY DATE CLAIMED 22 February 2003
TITLE OF INVENTION      LOGIC LOW NOISE AMPLIFIER AND AMPLIFICATION CONTROL METHOD THEREOF		
APPLICANT(S) FOR DO/EO/US      Yong Kyu KIM		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: PCT/IB/308; PCT/ISA/210; Drawings - Five (5) Sheets

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U.S. APPLICATION NO. (if known, see 37 CFR 1.53) <b>10/25/04 11842</b>	INTERNATIONAL APPLICATION NO. <b>PCT/KR2004/000359</b>	ATTORNEY'S DOCKET NUMBER <b>3449-0391PUS1</b>
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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1110.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$950.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$790.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$750.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td style="width: 50%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>\$</td> <td>1,110.00</td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td>0.00</td> <td></td> </tr> <tr> <td>\$</td> <td>0.00</td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td>1,110.00</td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td>1,110.00</td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td>40.00</td> <td></td> </tr> <tr> <td>\$</td> <td>1,150.00</td> <td></td> </tr> <tr> <td>Amount to be refunded:</td> <td></td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td></td> <td>\$</td> </tr> </table>	CALCULATIONS		PTO USE ONLY				\$	1,110.00		\$			\$			\$	0.00		\$	0.00		\$			\$	1,110.00		\$			\$	1,110.00		\$			\$	40.00		\$	1,150.00		Amount to be refunded:		\$	Amount to be charged:		\$
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	20-20 =		x
Independent claims	3-3 =		x
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+
<b>TOTAL OF ABOVE CALCULATIONS =</b>			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			
<b>SUBTOTAL =</b>			
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			
<b>TOTAL NATIONAL FEE =</b>			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +			
<b>TOTAL FEES ENCLOSED =</b>			

  

a. ☒ A check in the amount of \$ 1,150.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_  
to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive  
(37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NUMBER: 02292

October 19, 2004

/clb

SIGNATURE: James T. Eller, Jr.

NAME

39,538

REGISTRATION NUMBER